

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by:
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Name: Armag Corporation
Address: 40 Lucknow Court, Bardstown,
Kentucky 40004-2113
Date application received: August 20, 2003
SIC/Source description: 3412 / Metal shipping barrels/drums
AFS(10-digit) Plant ID: 21-179-00059
Application log number: 55950
Permit number: F-03-026

APPLICATION TYPE/PERMIT ACTIVITY

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
___ Administrative	<input type="checkbox"/> Title V
___ Minor	<input type="checkbox"/> Synthetic minor
___ Significant	<input checked="" type="checkbox"/> Construction/operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Operating

COMPLIANCE SUMMARY

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(2)(b) or 51:052,1(14)(b)	

MISCELLANEOUS

☐ Acid rain source
☐ Source subject to 112(r)
☒ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☐ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☒ Certified by responsible official
☒ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application

Pollutant	Actual (TPY)	Potential (TPY)
PM	NA	NA
VOC	90*	90*
Single HAP	9.0*	9.0*
Combined HAPs	22.5*	22.5*

* Note : Source-wide conditional major limits.

Source Description:

Armag Corporation plans to fabricate magazines designed for the storage of explosives. Over 200 varieties of products, ranging from 50 pounds to 40 tons per unit will be produced. The process will include cutting wood products for magazine interior coverings, fabricating the magazines from steel stock, preparing the magazines for painting and spraying the magazines with a protective paint coating. The magazines will be painted in two paint rooms, each equipped with a spray paint applicator. Particulate emissions are controlled with filters. The doors of the spray rooms and sand blasting room will be closed during the operations. After painting, the products will remain in the paint rooms to dry.

The source has submitted an application for construction/operation of two spray painting booths and a sand blasting operation. To preclude the applicability of Miscellaneous Metal Parts Coating (401 KAR 59:225), the facility has requested that an enforceable limit be placed on their actual VOC (less than 90 tpy) emissions. The company shall be considered a conditional major source for VOC.

Emission and Operating Caps description:

KAR 59:010 Limitation,

Visible emissions shall not equal or exceed 20% opacity for each paint booth and total particulate emissions shall not exceed 2.34 lb/hr.

The permittee shall conduct an initial performance test for paint room #2, using Method 5, Appendix A, 40 CFR 60 averaged over three hours to show that hourly particulate emissions shall not exceed the 2.34 lb/hr limit.

Conditional Major Emission Limitations,

VOC emissions shall not exceed ninety (90) tons during any consecutive twelve (12) month period. The emissions of any individual Hazardous Air Pollutant (HAP) shall not exceed nine (9) tons during any consecutive twelve (12) month period. The emissions of combined HAPs shall not exceed twenty-two and one-half (22.5) tons per year.

Operating Limitation,

Using no more than 11,000 gallons of LM-29 in a twelve-month period will result in a maximum annual concentration of 0.009 ug/m³ 1,6-hexamethylene diisocyanate (1,6-HD), which is below the PRG of 0.01 ug/m³. Therefore, the source-wide usage of LM-29 coating shall not exceed 11,000 gallons for any twelve (12) consecutive months.

